

### SAMPLE APPLICATIONS OF UP6

- TRANSFORMER PROTECTOR
- PROTECTION OF ELECTRONIC CIRCUITS
- LIGHTING BALLAST PROTECTION
- MOTOR PROTECTOR
- SUPPLY MODE POWER SUPPLY
- SOLENOID PROTECTOR



The UP6 Series is the smallest enclosed Thermal Protector produced by Uchiya Thermostat for AC applications up to 2.5A (250V) and 4A (125V).

The compact size and unique design of the UP6 Series allows it to fit into tight spaces in applications and to be mounted onto PCB Boards.

The PBT enclosure offers both thermal conductivity and electrical insulation with no need for additional insulation sleeves.

### SAFETY APPROVAL

VDE	EN60730-2-9	2.5(1.6)A 250V AC
	EN60730-2-2	250V AC
	<b>EN60730-2-3</b>	<b>1A 250V AC (NEW)</b>
UL/c-UL	UL873	4A/2A 125V/250V AC
	C22.2 No 24	4A/2A 125V/250V AC



### FEATURES

- PBT Enclosure
- Snap Action Bimetal Technology
- Solid and Insulated LeadWire Available
- Worldwide Safety Approvals
- Not Current Sensitive

### STANDARD SPECIFICATION

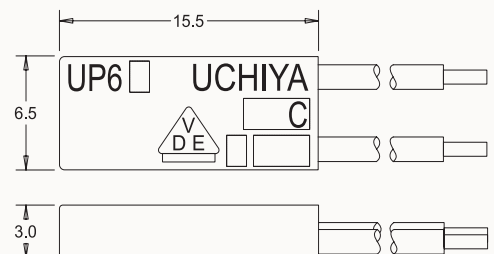
SPECIFICATION	UP6 SERIES	
Switch Temp.	60C ~ 150° C*	
Open Tolerance	+/- 5K	
Standard Differential	30K ~ 40K	
Reset Tolerance	+/- 15K	
Current	2.5(1.6)A	4A
Voltage	250V AC	125V AC
Cycles	10,000*	
Contact	NORMAL CLOSED [NC]	
Contact Resistance	< 50mΩ	
Impregnation Resistance	SUITABLE**	
High Voltage Resistance	> 2.5kV AC (10mA)	
Insulation Resistance	1,000V DC (100MΩ)	
Protection Class	1	
Minimum Leadwire Size	AWG24	

\* See Approvals Table for more information \*\* Please contact Uchiya for further information

### PRODUCT DESCRIPTION

- Thermal Cut-Out
- Thermal Motor Protector
- Thermal Protector

### DIMENSIONS



### SERIES VARIATIONS

- UP61** Solid Leadwire
- UP62** Insulated LeadWire

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